

TITLE: A METHOD FOR MULTICAST SERVICE IN A CROSSBAR SWITCH INVENTOR(S): Sung Soo Park

USSN: 10/645,787

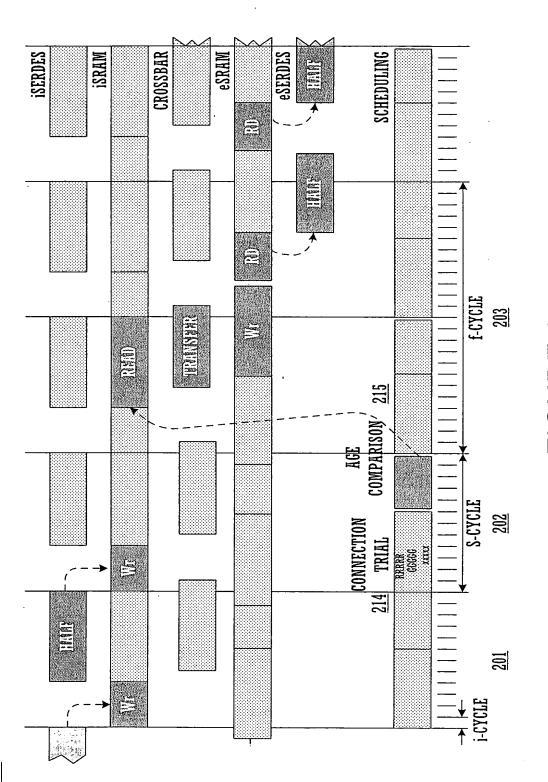
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100 INGRESS SRAM 103 OOB CONTROL UWRR/eWRR FLOW CONTROL 127 INCRESS CONTROLLER 113 AGE TAG COMP 107 **ICAM** EGRESS CONTROLLER ILE gmtGen EMICH ANTERNA 123 EGRESS SRAM 105 125 **CROSSBAR** <u>101</u>

FIGURE 1

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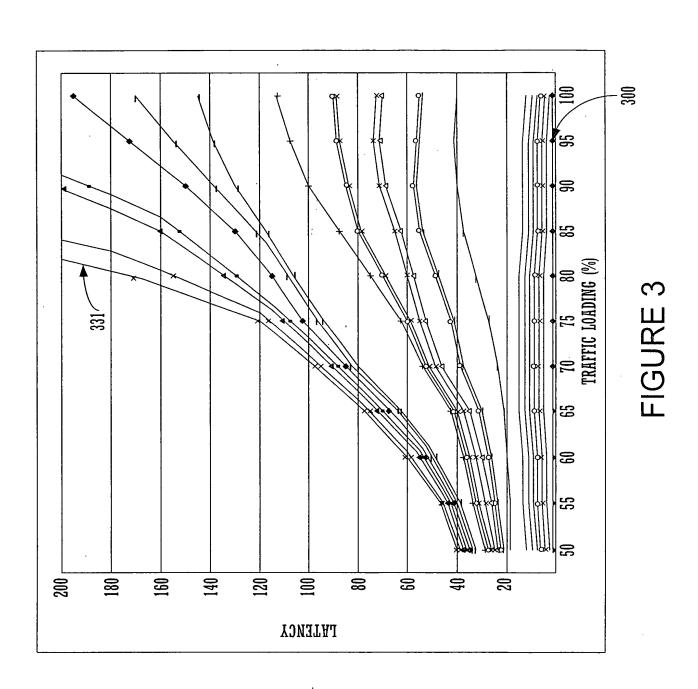


200

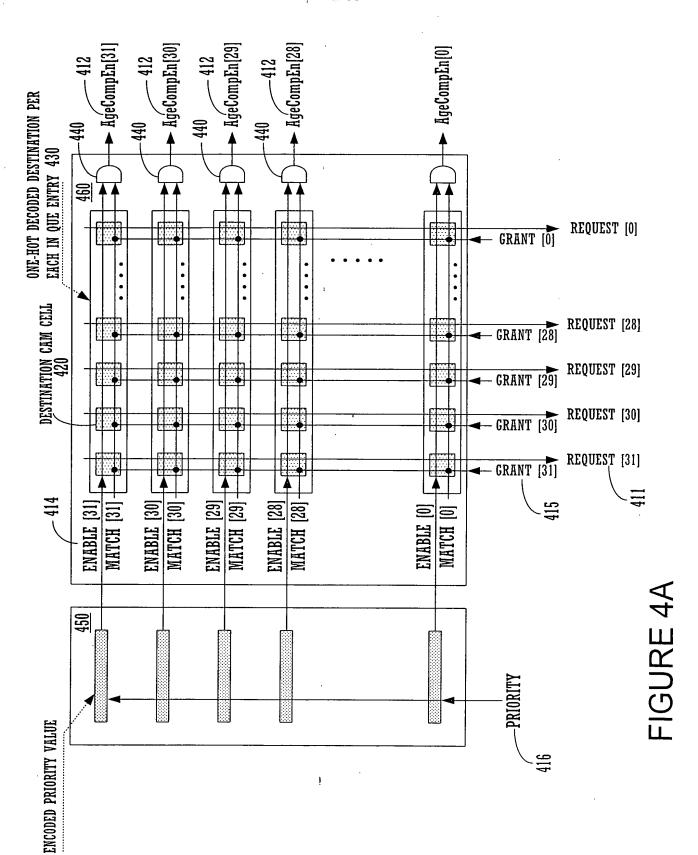
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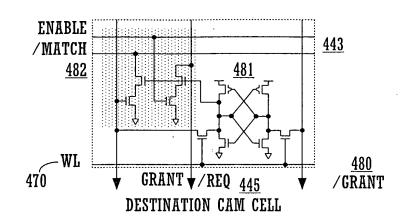


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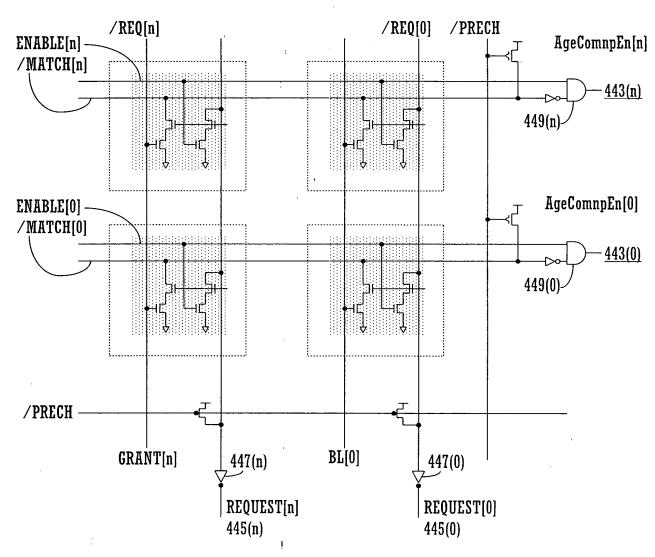
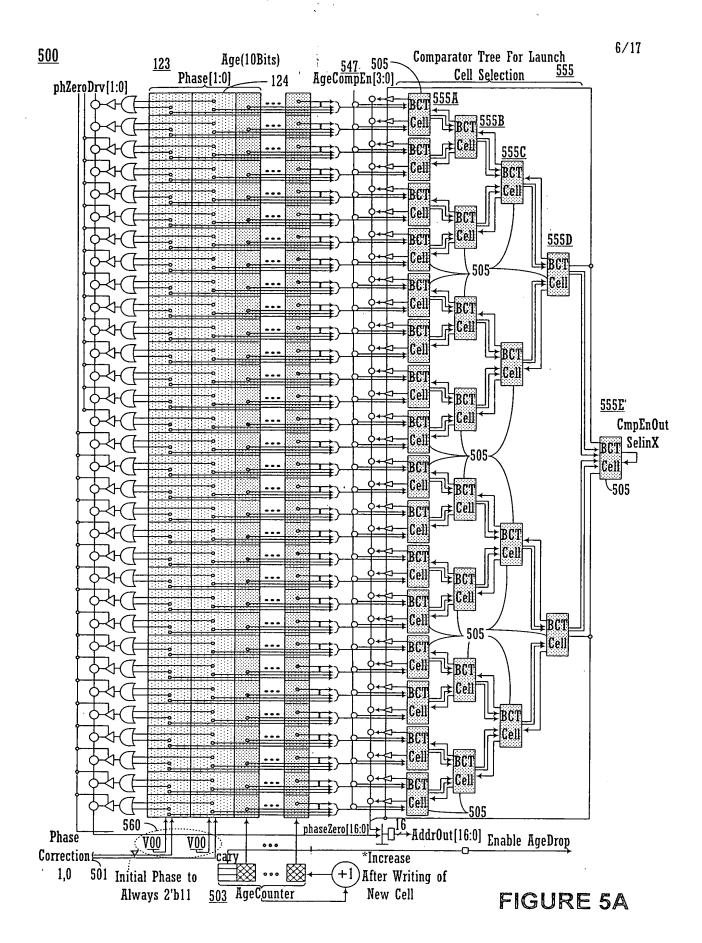


FIGURE 4B



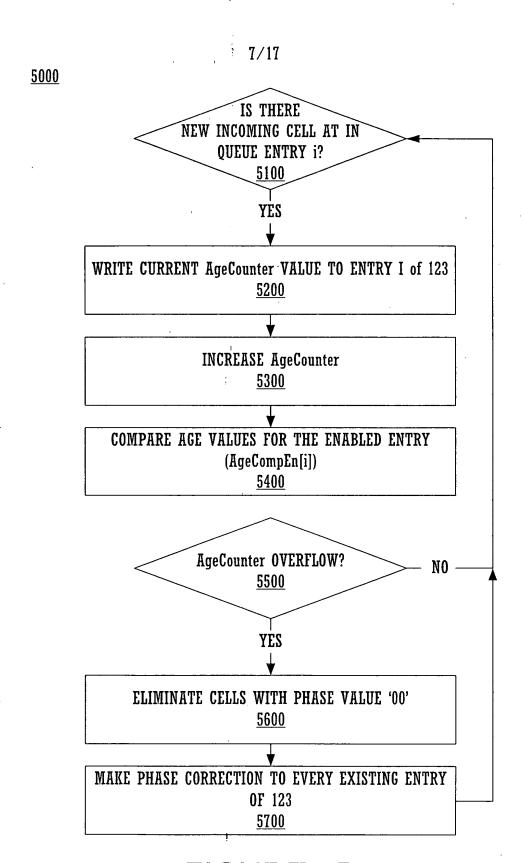
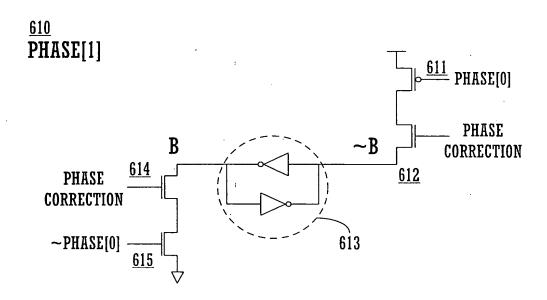


FIGURE 5B

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PHASE CELL STRUCTURE FOR THREE STEP SELF ADJUSTMENT (11---10---00---INVALIDATE)



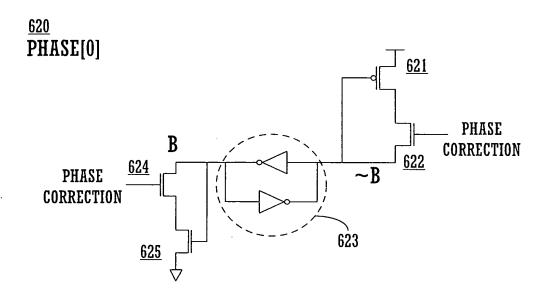


FIGURE 6

INVENTOR(S): Sung Soo Park
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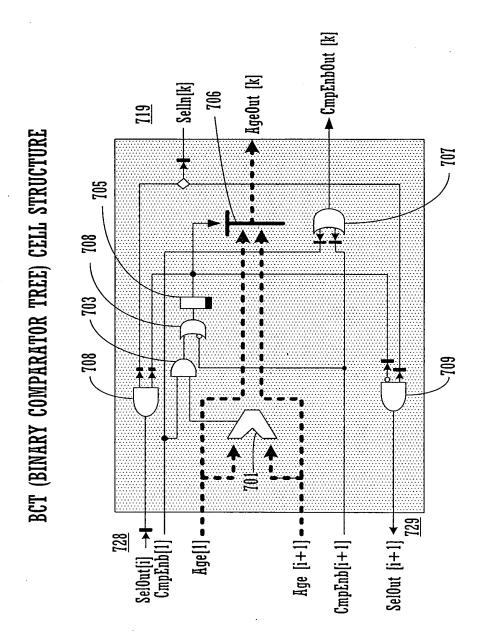


FIGURE 7

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1100

INTERLEAVED AGE-PRIORITY BASED SELECTION

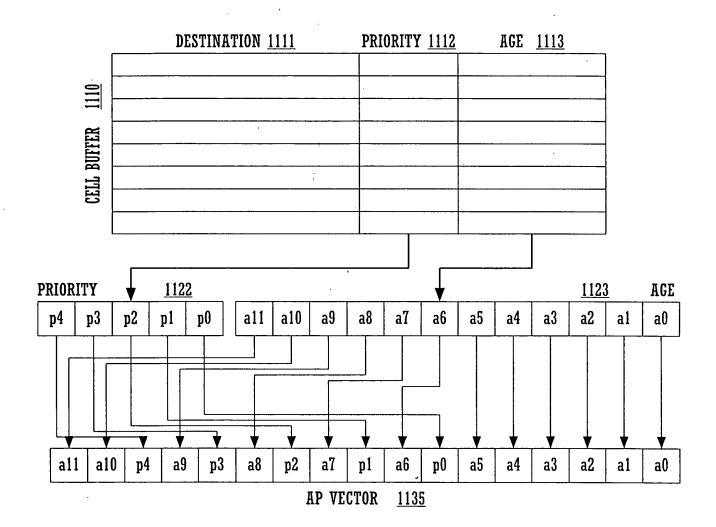


FIGURE 8

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1200

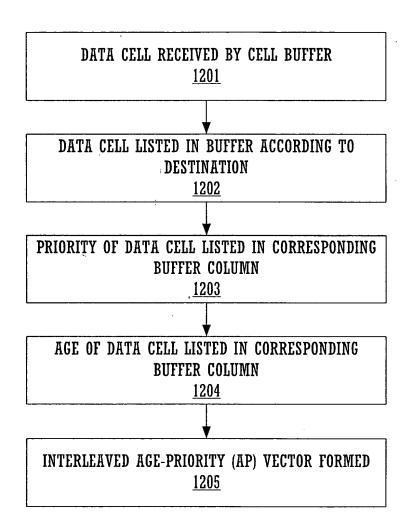
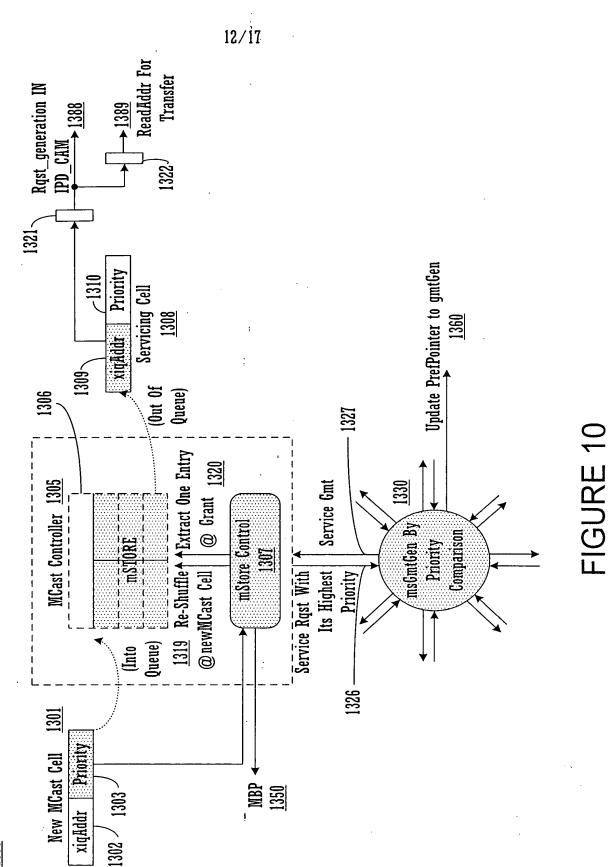


FIGURE 9



1300

INVENTOR(S): Sung Soo Park
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1400

REQUEST MULTICAST SERVICE 1401

REQUEST GRANT ITERATION TO CONFIGURE CROSSBAR SWITCH $$\underline{1402}$$

TRANSFER MULTICAST CELL ACCORDINGLY 1403

FIGURE 11A

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<u>1450</u>

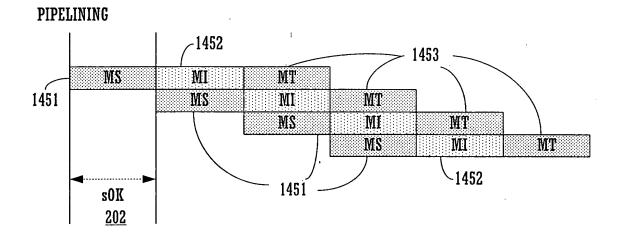


FIGURE 11B

TITLE: A METHOD FOR MULTICAST SERVICE IN A CROSSBAR SWITCH INVENTOR(S): Sung Soo Park

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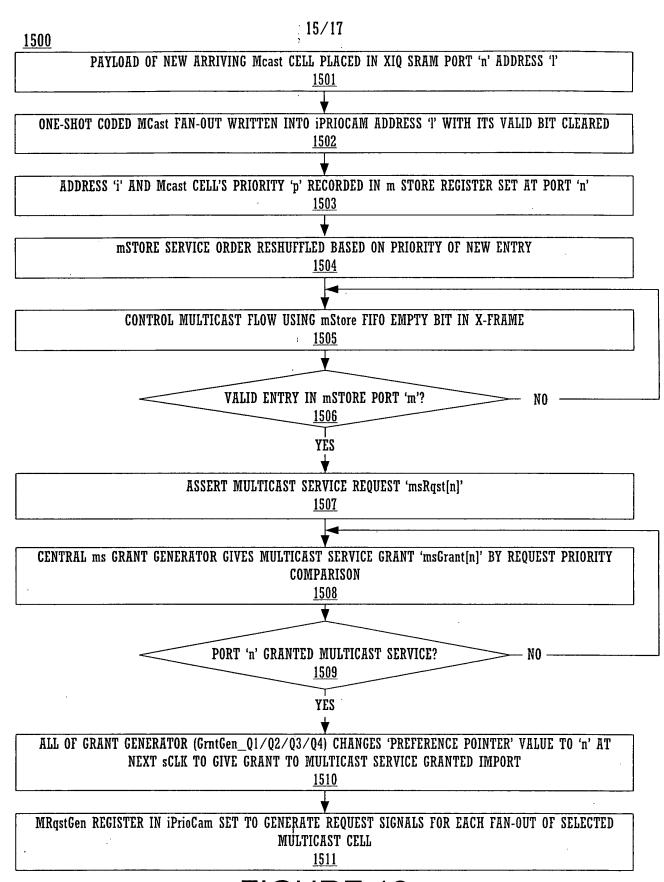


FIGURE 12

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1700

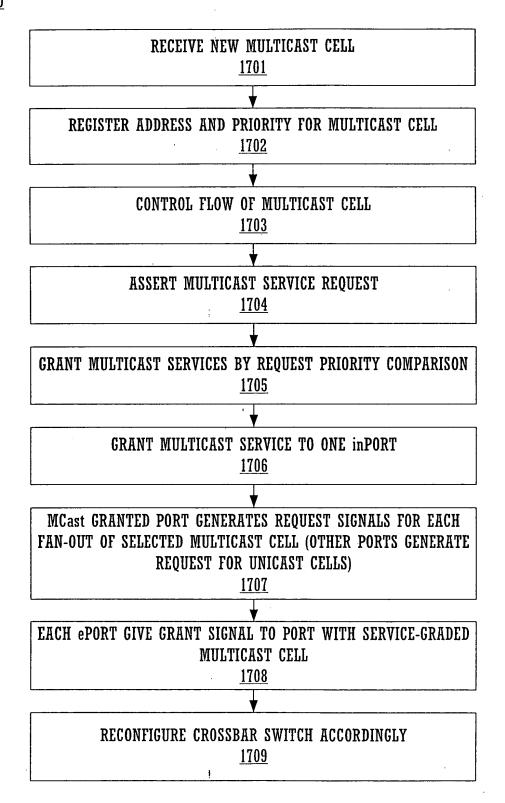


FIGURE 13



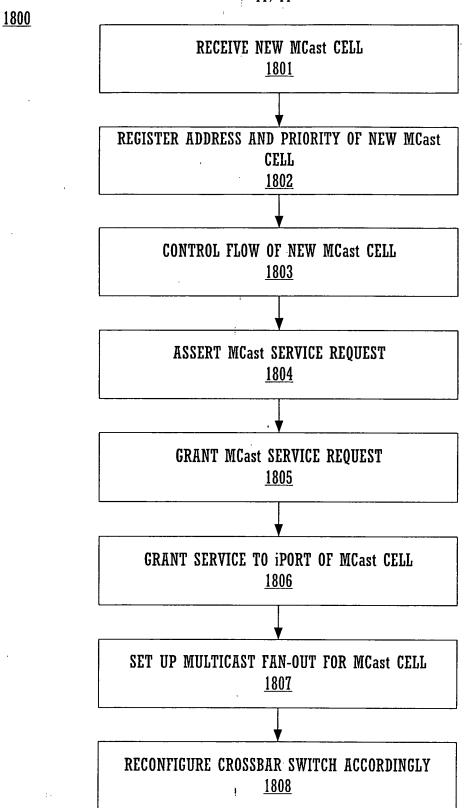


FIGURE 14